Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently amended) A system for providing program criteria comprising:

a server computer storing a plurality of tokens, at least two of the plurality of tokens each associated with a disparate one of at least two segments of a predetermined one of an audio and visual program; ~~each token having a system unique identifier for identifying a predetermined at least one of an audio and visual program, the at least one of an audio and visual program formed of at least two program segments, the at least two program segments each associated with a disparate token; and~~

wherein the server is programmed to provide at least one token to a remote computer based on received selection criteria, the remote computer utilizes at least two tokens to selectively combine at least two program segments based at least in part upon viewing characteristics of one or more users at the remote computer, the viewing characteristics comprising at least one of an age of the one or more users, time of day and type of show being viewed.

2.   (Original) The system of claim 1, wherein the server is programmed to transmit a message to the remote computer based on the selection criteria, the message including the at least one token.

3.   (Original) The system of claim 2, wherein the message is a text email message, the token being operatively associated with the email message.

4.   (Original) The system of claim 3, wherein the token is an attachment to the email message.

5.   (Original) The system of claim 1, wherein the server computer is further programmed to store corresponding program data as an attribute of each token, the server providing corresponding program data with each token.

6.   (Original) The system of claim 1, wherein a program database is stored at the server computer, the program database including the plurality of tokens identifying a plurality of at least one of audio and visual programs.

7.   (Original) The system of claim 1 wherein, in response to a translation request, the server is programmed to translate a token into a useable format for programming a recording system to record a predetermined at least one of an audio and visual program in a tuning space associated with the recording system.

8.   (Original) The system of claim 7, wherein the server is further programmed to select a tuning space based on identifying data provided with the translation request.

9.   (Original) The system of claim 8, wherein the server stores a unique identifier for each recording system registered with the server, each unique identifier being associated with tuning space information for each respective recording system.

10.   (Original) The system of claim 9, wherein the useable format includes programming data identifying at least two of date, channel, time, and duration associated with each token provided with the translation request.

11.   (Original) The system of claim 1, wherein the server is further programmed to store the plurality of tokens as part of a programmable database, the server updating the programmable database in response to receiving an update request at the server.

12.   (Original) The system of claim 11, wherein the server is further programmed to notify the remote computer in response to receiving an update request that modifies program criteria for a program represented by the at least one token.

13.   (Original) The system of claim 12, wherein the server stores a different identifiable characteristic for each token obtained from the server, the server employing an identifiable characteristic to notify the remote computer of changes in program criteria for a program represented by the at least one token.

14.   (Original) The system of claim 13, wherein the server is further programmed to provide at least one of a token and updated programming data to the remote computer in response to receiving an update request that modifies program criteria for a program represented by the at least one token previously provided to the remote computer.

15.   (Currently amended) A computer-readable medium encoded with ~~having~~ computer-executable components being executed by a processor, comprising:

a token database component for storing tokens, each token representing a different segment of one of at least one ~~of an~~ audio and visual program; ~~program, the at least one of an audio and visual program formed of at least two program segments, each of the at least two program segments associated with a disparate token; and~~

a message component with which at least one token is transmitted in response to a request for the at least one token; and

a recording component that utilizes at least two tokens each associated with at least two program segments of the one of the at least one audio and visual program to selectively combine the at least two program segments based at least in part upon viewing characteristics of a user of a remote computer, the viewing characteristics comprising at least one of age of the user, time of day and type of show being viewed.

16.   (Original) The computer-readable medium of claim 15 having further computer-executable components comprising a user interface component for receiving selection criteria having program characteristics indicative of at least one of an audio and visual program.

17.   (Original) The computer-readable medium of claim 16 having further computer-executable components comprising a search component for locating at least one token from the token database component based on the selection criteria.

18.   (Original) The computer-readable medium of claim 15 having further computer-executable components comprising a program database component that includes the token database component, the program database component associating at least one attribute with each token, the at least one attribute being provided with the at least one token.

19.   (Original) The computer-readable medium of claim 15 having further computer-executable components comprising a translation component for, in response to a translation request, translating a token into programming data having a useable format for programming a recording system to record a predetermined at least one of an audio and visual program in a tuning space associated with the recording system.

20.   (Original) The computer-readable medium of claim 19 wherein translation component includes further computer executable instructions for selecting a tuning space based on identifying data provided with the translation request.

21.   (Original) The computer-readable medium of claim 19 wherein the token database component comprises further computer-executable components for updating the programming data in response to receiving an update request.

22.   (Original) The computer-readable medium of claim 15 having further computer-executable components comprising a notification component for notifying a remote computer in response to receiving an update request that results in modifying program criteria for a program represented by the at least one token.

23.   (Original) The computer-readable medium of claim 22, wherein the notification component comprises further computer-executable components for providing at least one of a token and updated programming data to the remote computer in response to receiving an update request that modifies program criteria for a program represented by a token previously provided to the remote computer.

24.   (Currently amended) A system for providing program criteria comprising:

means for storing at least two tokens ~~token data~~ each representing one of at least two program segments of one of a plurality of audio and/or visual programs;

~~means for selectively combining at least two program segments of one of the plurality of audio and/or visual programs based at least in part upon viewing characteristics of a client system; and~~

means for providing selected token data in response to a query identifying program selection criteria; and

means for utilizing the at least two tokens to selectively combine the at least two program segments based at least in part upon viewing characteristics of a client system, the viewing characteristics comprising at least one of age of a viewer, time of day and type of show being viewed.

25.   (Original) The system of claim 24 further including means for updating the token storing means in response to an update request.

26.   (Original) The system of claim 25 further includes means for providing at least one of a token and updated programming data to a remote computer in response to receiving an update request that modifies program criteria for a program represented by a token previously provided to the remote computer.

27.   (Original) The system of claim 24 further including means for translating a token into a useable format for programming a remote recording system to record a predetermined at least one of an audio and visual program in a tuning space associated with the recording system.

28.   (Original) The system of claim 24, wherein the means for providing selected token data further includes means to send a message a remote computer based on the query, the message including selected token data.

29.   (Original) The system of claim 24, wherein the message is a text email message, the selected token being operatively associated with the email message.

30.   (Currently amended) A method for providing program criteria to facilitate programming of a recording system, the method comprising:

~~selectively combining at least two program segments of one of the plurality of audio and/or visual programs based at least in part upon viewing characteristics of a client system; and~~

sending [[a]] <u>at least two tokens each associated with a disparate one of at least two program segments of a specific one of an audio and visual program</u> [[token]] from <u>a first</u> [[one]] computer to <u>a second</u> ~~another~~ computer based on selection criteria received at the <u>first computer; and</u> ~~one computer, the token representing a specific at least one of an audio and visual program~~

<u>utilizing the at least two tokens to selectively combine the at least two program segments based at least in part upon viewing characteristics of one or more users of the second computer, the viewing characteristics comprising at least one of age of the one or more users, time of day and type of show being viewed.</u>

31.   (Original) The method of claim 30 further including searching a program database for the token based on the selection criteria.

32.   (Currently amended) A method for providing program criteria to facilitate programming of a recording system that, the method comprising

storing at least two ~~a plurality of~~ tokens in a database at a first computer, each token identifying <u>a disparate</u> one of at least two program segments that form at least one of an audio and visual program;

receiving selection criteria from a second computer;

selecting at least one token based on the selection criteria; [[and]]

sending a message to a remote computer, the message having the selected at least one token associated with the message<u>; and</u>

<u>utilizing the at least two program segments to selectively combine tokens associated with each of the at least two program segments based at least in part upon viewing characteristics of a client system, viewing characteristics of the client system comprising at least one of age of viewer, time of day and type of show being viewed.</u>

33.   (Original) The method of claim 32 further including searching a program database for a token representing at least one of an audio and visual program corresponding to the selection criteria.

34.   (Original) The method of claim 32, wherein the step of sending further includes sending the message to the remote computer based on address data provided by the second computer, the remote computer being different from the second computer.

35.   (Original) The method of claim 32, wherein the remote computer and the second computer are the same.

36.   (Original) The method of claim 32 further including updating the database at the first computer in response to an update request received at the first computer.

37.   (Original) The method of claim 36 further including providing at least one of a token and updated programming data to a remote computer in response updating the database so as to modify program criteria for a program represented by a token previously provided to the remote computer.

38.   (Original) The method of claim 32 wherein, in response to a translation request, a token is translated into programming data having a useable format for programming a remote recording system to record a predetermined at least one of an audio and visual program in a tuning space associated with the recording system.

39.   (Original) The system of claim 32, wherein the message is a text email message, the selected token being operatively associated with the email message.

40.   (Currently amended) A system to facilitate remote programming of a recording system, comprising:

a server operable to receive a <u>plurality of tokens each</u> [[token]] having data identifying at least one of a user and the recording system and identifying <u>a plurality of segments of program data associated with</u> ~~at least one of a plurality of program segments that form~~ one of an audio and visual program, the server being operable to communicate program data, based on the token, to a programmable recording system to effect programming of the recording system to record the at least one of an audio and visual program<u>, the programmable recording system utilizes the plurality of tokens to selectively combine at least two of the plurality of program segments based at least in part upon viewing characteristics of a client system, viewing characteristics of the client system comprising at least one of age of viewer, time of day and type of show being viewed</u>.

41.   (Original) The system of claim 40, wherein the server is a first server, the token being provided as a request from a second server in response to a user selection associated with the at least one of an audio and visual program.

42.   (Currently amended) A system to facilitate remote programming of a recording system, comprising:

a first server operable to receive data indicative of a user selection, the first server providing a request to a second server, ~~the request having data identifying at least two program segments~~ *via* ~~a disparate token associated with each of the program segments, the at least two program segments form at least one of an audio and visual program selected by the user,~~ the request ~~further~~ having data identifying at least one of the user and [[a]] the recording system, the second server communicates program data corresponding to one of an audio and visual program in at least two segments, each segment associated with a disparate token;

and a programmable recording system that utilizes tokens associated with the at least two program segments to combine the at least two program segments based at least in part upon viewing characteristics of a client system, the viewing characteristics of the client system comprising at least one of age of a viewer, time of the day and type of show being viewed.

43.   (Cancelled)

44.   (Currently amended) A user interface to facilitate remote programming of a recording system, comprising:

a selectable display portion associated with at least one of an audio and a visual program; and ~~program, the selectable display portion allows a user to selectively combine at least two program segments of one of the at least one audio and/or visual programs *via* a separate token associated with each of the at least two program segments; and~~

a process associated with the display portion to effect programming of a recording system to record the at least one of an audio and visual program in response to selection of the display portion, wherein the process is resident at a server operable to communicate at least two tokens each representing disparate segments of the at least one of an audio and visual program ~~program data~~ to the recording system based on the selection to effect programming of the recording system, the recording system utilizes the at least two tokens to selectively combine the disparate segments based at least on one of age of viewer, time of day and type of show being viewed.

45.   (Cancelled)

46.   (Currently amended) A <u>computer-implemented</u> method comprising:

receiving program content criteria from a user via a communication link;

selecting program content based on the program content criteria received from the user;

<u>associating each of at least two segments of the program content with disparate tokens;</u>

<u>utilizing tokens associated with the at least two program segments to</u> selectively combine the ~~combining~~ at least two program segments ~~of one of at least one audio and/or visual program~~ <u>based at least in part upon viewing characteristics of the user, viewing characteristics of the user comprising at least one of age of the user, time of day and type of show being viewed; and</u> ~~, the at least two program segments correspond to associated tokens; and~~

transmitting <u>the tokens</u> ~~a programming component identifying the selected program content, the programming component being operable~~ to effect recording of a program corresponding to the program content.

47.   (Currently amended) The method of claim 46, wherein the <u>tokens are</u> ~~programming component is~~ transmitted to a computer associated with the user.

48.   (Currently amended) The method of claim 46, wherein the <u>tokens are</u> ~~programming component is~~ transmitted to a recording system.

49.   (Currently amended) The method of claim 46, wherein the <u>tokens are</u> ~~programming component is~~ transmitted to a server.

50.   (Currently amended) A computer-readable medium <u>encoded with</u> ~~having~~ computer-executable instructions <u>being executed by a processor</u> for performing the steps of claim 46.

51.   (Currently amended) A <u>computer-implemented</u> method comprising:

transmitting for display on a remote computer information about at least one of audio and visual content;

receiving from the user computer a selection of the <u>content;</u> ~~content, the selection comprising combining at least two program segments that form the at least one of audio and visual content,~~

<u>constructing a plurality of tokens, each token associated with one of a plurality of disparate segments of the content;</u>

<u>selectively combining at least two of the plurality of tokens based at least in part upon viewing characteristics of at least one user associated with the remote computer, the viewing characteristics comprising at least one of age of viewer, time of day and type of show being viewed; and</u> ~~the at least two program segments each correspond to an associated token; and~~

transmitting <u>the at least two of the plurality of tokens</u> ~~a programming component identifying the selected content, the programming component being operable~~ to effect recording of a <u>program.</u> ~~program corresponding to the program content.~~

52.   (Currently amended) The method of claim 51, wherein the <u>tokens are</u> ~~programming component is~~ transmitted to the remote computer.

53.   (Currently amended) The method of claim 51, wherein the <u>tokens are</u> ~~programming component is~~ transmitted to a recording system.

54.   (Currently amended) The method of claim 51, wherein the <u>tokens are</u> ~~programming component is~~ transmitted to a server.

55.   (Original) The method of claim 51, wherein the step of receiving further includes receiving information identifying the user.

56.   (Original) The method of claim 51, wherein the step of receiving further includes receiving information identifying a device associated with the user.

57.   (Original) The method of claim 51, wherein the step of receiving further includes receiving information identifying a local tuning space and system configuration for a device.

58.   (Currently amended) A computer-readable medium encoded with ~~having~~ computer-executable instructions being executed by a processor for performing the steps of claim 51.

59.   (Currently amended) A computer-implemented method comprising:

storing programming information;

receiving from a computer user information and information describing ~~at least~~ one of an audio and visual program; ~~content, the information comprising at least two program segments each corresponding to an associated token, the at least two program segments form the at least one of audio and visual content;~~

using the stored programming information and the user information to construct tokens ~~a token~~ that includes information sufficient to program a recording system to record the one of audio and visual program, ~~at least one of audio and visual content~~ the one of audio and visual program comprising a plurality of program segments, each program segment corresponding to a disparate token;

selectively combining tokens associated with at least two of the plurality of program segments based at least in part upon viewing characteristics of the user, viewing characteristics comprising at least one of age of user, time of day and type of show being viewed; and

transmitting the tokens ~~the token~~ via a communication link.

60.   (Original) The method of claim 59, wherein the computer is a remote computer.

61.   (Original) The method of claim 60, wherein the remote computer is a portable computer.

62.   (Original) The method of claim 59, wherein the computer is a server.

63.   (Original) The method of claim 59, wherein the user information includes information identifying characteristics of a device associated with the user.

64.   (Currently amended) The method of claim 59, wherein the step of transmitting further includes transmitting the tokens [[token]] to the computer.

65.   (Currently amended) The method of claim 59, wherein the step of transmitting further includes transmitting the tokens [[token]] to a recording system.

66.   (Currently amended) The method of claim 59, wherein the step of transmitting further includes transmitting the tokens [[token]] to a server.

67.   (Currently amended) A computer-readable medium encoded with ~~having~~ computer-executable instructions being executed by a processor for performing the steps of claim 59.